

Bibliography

- 1 Advisory Council for Cardiothoracic Surgery (1996). Guidelines for, standards in cardiac surgery. Available at: http://www.facs.org/fellows_info/guidelines/cardiac.html.
- 2 American Academy of Pediatrics (1991). Guidelines for pediatric cardiology diagnostic and treatment centers (RE9210). *Pediatrics*, 87(4), 576-580.
- 3 Birkmeyer, J.D., Finlayson, S.R.G., Tosteson, A.N.A., Sharp, S.M., Warshaw, A.L., Diahwe, W.A. (1999). Effect of hospital volume on in-hospital mortality with pancreaticoduodenectomy. *Surgery*, 125(3), 250-256.
- 4 Canto, J.G., Every, N.R., Magid, D.J., Rogers, W.J., Malmgren, J.A., Frederick, P.D., et al. The volume of primary angioplasty procedures and survival after acute myocardial infarction. *New England Journal Medicine* 2000; 342(21):1573-1580.
- 5 Crawford, F.A., Anderson, R.P., Clark, R.E., Grover, F.L., Kouchoukos, N.T., Waldhausen, J.A., Wilcox, B.R., for the Ad Hoc Committee on Cardiac Surgery Credentialing of the Society of Thoracic Surgeons (1996). Volume requirements for cardiac surgery credentialing: A critical examination. *Annals of Thoracic Surgery*, 61, 12-16.
- 6 Dardik, A., Lin, J.W., Gordon, T.A., Williams, G.M., Perler, B.A., Results of elective abdominal aortic aneurysm repair in the 1990s: A population-based analysis of 2335 cases. *Journal of Vascular Surgery* 1999; 30(6):985-995
- 7 Dudley, R.A., Johansen, K.L., Brand, R., Rennie, D.J., Milstein, A. (2000). Selective referral to high-volume hospitals: Estimating potentially avoidable deaths. *JAMA*, 283 (9), 159-166.
- 8 Edwards, W.H., Morris, J.A., Jenkins, J.M., Bass, S.M., MacKenzie, E.J. (1991). Evaluating quality, cost-effective health care: Vascular database predicated on hospital discharge abstracts. *Annals of Surgery*, 213 (5), 433-439.
- 9 Evans, R.W. (1992). Public and private insurer designation of transplantation programs. *Transplantation*, 53 (5), 1041-1046.
- 10 Every, N.R., Maynard, C., Schulman, K., Ritchie, J.L. The association between institutional primary angioplasty procedure volume and outcome in elderly Americans. *Journal of Invasive Cardiology* 2000; 12(6):303-308.
- 11 Gordon, T.A., Bowman, H.M., Bass, E.B., Lillemoe, K.D., Yeo, C.J., Heitmiller, R.F., et al. Complex gastrointestinal surgery: impact of provider experience on clinical and economic outcomes. *Journal of the American College of Surgeons* 1999; 189(1):46-56.
- 12 Gouma, D.J., van Greenen, R.C., van Gulik, T.M., de Haan, R.J., de Witl, L.T., Busch, O.R., et al. Rates of complications and death after pancreaticoduodenectomy: risk factors and the impact of hospital volume. *Annals of Surgery* 2000; 232(6):786-795.
- 13 Hannan, E.L., Kilburn, H., Jr., O'Donnell, J.F., Bernard, H.R., Shields, E.P., Lindsey, M.L., et al. A longitudinal analysis of the relationship between in-hospital mortality in New York State and the volume of abdominal aortic aneurysm surgeries performed. *Health Serv Res* 1992; 27(4): 517-542.
- 14 Hannan, E.L., Popp, J., Tranmer, B., Fuestel, P., Waldman, J., Shah, D. (1998). Relationship between provider volume and mortality for carotid endarterectomies in New York State. *Stroke*, 29, 2292-2297.
- 15 Hannan, E.L., Racz, M., Ryan, T.J., McCallister, B.D., Johnson, L.W., Arani, D.T., Guerci, A.D., Sosa, J., & Topol, E.J. (1997). Coronary angioplasty volume-outcome relationships for hospitals and cardiologists. *JAMA*, 277(11), 892-898.
- 16 Hannan, E.L., Racz, M., Kavey, R., Quaegebeur, J.M., Williams, R. (1998). Pediatric cardiac surgery: The effect of hospital and surgeon volume on in-hospital mortality. *Pediatrics*, 101(6), 963-969.
- 17 Hosenpud, J.D., Breen, T.J., Edwards, E.B., Daily, O.P., Hunsicker, L.G. (1994). The effect of transplant center volume on cardiac transplantation outcome: A report f the United Network for Organ Sharing Scientific Registry. *JAMA*, 271 (23), 1844-1849.
- 18 Ho V. Evolution of the volume-outcome relation for hospitals performing coronary angioplasty. *Circulation* 2000; 101(15):1806-1811.
- 19 Jarhult, J. (1996). The importance of volume for outcome in cancer surgery – an overview. *European Journal of Surgical Oncology*, 22, 205-215.
- 20 Jollis, J.G., Peterson, E.D., Nelson, C.L., Stafford, J.A., DeLong, E.R., Muhlbauer, L.H., Mark, D.B. (1997). Relationship between physician and hospital coronary angioplasty volume and outcome in elderly patients. *Circulation*, 95(11), 2485-2491.
- 21 Kazmers, A., Jacobs, L., Perkins, A., Lindenauer, S.M., Bates, E. (1996). Abdominal aortic aneurysm repair in Veterans Affairs medical centers. *Journal of Vascular Surgery*, 23 (2), 191-200.
- 22 Klein, L.W., Schaer, G.L., Calvin, J.E., Palvas, B., Allen, J., Loew, J., Uretz, E., Parrillo, J.E. (1997). Does low individual operator coronary interventional procedural volume correlate with worse institutional procedural outcome? *Journal of American College of Cardiologists*, 30 (4), 870-877.

- 23 Kimmel S., Berlin, J., Laskey, W., (1995) The relationship between coronary angioplasty procedure volume and major complications. *JAMA* 274: 1137-1142.
- 24 Kucey, D.S., Bowyer, B., Iron, K., Austin, P., Anderson, G., Tu, J.V. (1998). Determinants of outcome after carotid endarterectomy. *Journal of Vascular Surgery*, 28 (6), 1051-1058.
- 25 Lieberman, M.D., Kilburn, H., Lindsey, M., Brennan, M.F. Relation of perioperative deaths to hospital volume among patients undergoing pancreatic resection for malignancy. *Annals of Surgery* 1995; 222(5):638-645.
- 26 Luft, H.S., Bunker, J.P., Enthoven, A.C. (1979). Should operations be regionalized? The empirical relation between surgical volume and mortality. *The New England Journal of Medicine*, 301 (25), 1364-1369.
- 27 Luft, H.S., Hunt, S.S., Maerki, S.C. (1987). The volume-outcome relationship: Practice-makes-perfect or selective-referral patterns? *Health Services Research*, 22 (2), 157-182.
- 28 Maerki, S.C., Luft, H.S., Hunt, S.S. (1986). Selecting categories of patients for regionalization. *Medical Care*, 24 (2), 148-158.
- 29 Magid, D.J., Calonge, B.N., Rumsfeld, J.S., Canto, J.G., Frederick, P.D., Every, N.R., et al. Relation between hospital primary angioplasty volume and mortality for patients with acute MI treated with primary angioplasty vs thrombolytic therapy. *JAMA* 2000; 284(24):3131-3138.
- 30 Maynard, C., Every, N.R., Chapko, M.K., Ritchie, J.L. Outcomes of coronary angioplasty procedures performed in rural hospitals. [see comments]. *Am J Med* 2000; 108(9):710-713.
- 31 Maynard, C., Every, N.R., Chapko, M.K., Ritchie, J.L. Institutional volumes and coronary angioplasty outcomes before and after the introduction of stenting. *Effective Clinical Practice* 1999; 2(3):108-113.
- 32 McGrath, P.D., Wennberg, D.E., Dickens, J.D., Siewers, A.E., Lucas, F.L., Malenka, D.J., et al. Relation between operator and hospital volume and outcomes following percutaneous coronary interventions in the era of the coronary stent. *JAMA* 2000; 284(24):3139-3144
- 33 Patti, M.G., Corvera, C.U., Glasgow, R.E., Way, L.W. (1998). A hospital's annual rate of esophagectomy influences the operative mortality rate. *Journal of Gastrointestinal Surgery*, 2 (2), 186-192.
- 34 Ritchie, J.L., Maynard, C., Chapko, M.K., Every, N.R., Martin, D.C. (1999). Association between percutaneous transluminal coronary angioplasty volumes and outcomes in the healthcare cost and utilization project 1993-1994. *The American Journal of Cardiology*, 83, 493-497.
- 35 Showstack, J.A., Rosenfield, K.E., Garnick, D.W., Luft, H.S., Schaffarzick, R.W., Fowles, J. (1987) Association of volume with outcome of coronary artery bypass graft surgery: Scheduled vs nonscheduled operations. *JAMA*, 257 (6), 785-789.
- 36 Simunovic, M., To, T., Theriault, M., Langer, B. (1999). Relation between hospital surgical volume and outcome for pancreatic resection for neoplasm in a publicly funded health care system. *Canadian Medical Association Journal*, 160(5), 643-648.
- 37 Solomon, R.A., Mayer, S.A., Tarmey, J.J. (1996). Relationship between the volume of craniotomies for cerebral aneurysm performed at New York State hospitals and in-hospital mortality. *Stroke*, 27 (1), 13-17.
- 38 Sosa, J.A., Bowman, H.M., Gordon, T.A., Bass, E.B., Yeo, C.J., Lillemoe, K.D., et al. Importance of hospital volume in the overall management of pancreatic cancer. *Annals of Surgery* 1998; 228(3):429-438.
- 39 Sowden, A.J., Deeks, J.J., Sheldon, T.A. (1995). Volume and outcome in coronary artery bypass graft surgery: True association or artefact? *BMJ*, 311, 151-155.
- 40 Swisher, S.G., Deford, L., Merriman, K.W., Walsh, G.L., Smythe, R., Vaporicyan, A., et al. Effect of operative volume on morbidity, mortality, and hospital use after esophagectomy for cancer. *J Thorac Cardiovasc Surg* 2000; 119(6):1126-1132.
- 41 van Lanschot, J.J., Hulscher, J.B., Buskens, C.J., Tilanus, H.W., ten Kate, F.J., Obertop H. Hospital volume and hospital mortality for esophagectomy. *Cancer* 1915; 91(8):1574-1578.

IOM Citations

- Hewitt M. (Institute of Medicine for the Committee on Quality of Health Care in America and the National Cancer Policy Board). *Interpreting the Volume-Outcome Relationship in the Context of Health Care Quality: Workshop Summary*. 2000.
- Hewitt M, Simone J. (Institute of Medicine and Commission on Life Sciences, National Research Council). *Ensuring Quality Cancer Care*. 1999.